MICHLIN, D. M.

2

1518. Distribution of iron-porphyrin enzymes in plant tissue (barley). D. M. Michlin and A. A. Mutuskin *Biokhimiia*, 1956, 21, 137—147 (Inst. of Biochem., Acad. Sci. Moscow, U.S.S.R.). — The activity of cytochrome oxidase in an 8-day-old barley seedling is correlated with that of catalase and the chlorophyll content. No such correlation is observed between the above and peroxidase activity. The respiration of tissue homogenates from different parts of the plant shows marked differences in sensitivity to CN due to the presence of different respiratory mechanisms i.e. those involving the CN-sensitive metalloprotein oxidases (cytochrome oxidase, polyphenol oxidase, and ascorbic acid oxidase) and those depending on flavoproteins which are only slightly susceptible to CN. (Russian.)

A. K. GRZYBOWSKI

1ST AND 2ND ORDERS

3RD AND 4TH ORDERS

PROCESSES AND PROPERTIES INDEX

BC

Polarographic determination of iron. S. G. MICHELIN. (Zavod. Lab., 1936, 5, 1167—1170).—Fe^{II} is determined polarographically, at p_H 5—6, in presence of tartaric acid; Al does not interfere. R T

ASM SLA METALLURGICAL LITERATURE CLASSIFICATION

PROCESSES AND PROPERTIES INDEX

a-1

Influence of the nature and concentration of the electrolyte on the height of the Fe^{III}-dem wave in polarographic analysis. E. S. Bunzam and S. O. Mamatov (Ukrain. Chem. J., 1957, 23, 209—213).—Fe^{III} may be determined polarographically in conc. aq. Li, Na, NH_4, K, Rb, Cs, Sr, and Ba chlorides; the height of the wave obtained at comen. of the electrolyte and diameter of its cation. R. T.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

MICHLIN, S.

Michlin, S. Propagation des ondes dans les domaines limités par des courbes. Acad. Sci. URSS. Publ. [Trudy] Inst. Séismolog. no. 110, 30 pp. (1 plate) (1941). (Russian. French summary)

Nous considérons ici le problème aux limites relatif à l'équation d'onde $U_{ss}+U_{tt}-U_{zz}=0$. Nous supposons que la frontière du domaine est une courbe analytique sans points singuliers dont la courbure est différente de zéro. On suppose donnée sur la frontière soit la fonction inconnue soit sa dérivée normale. On suppose aussi données les fonctions U, U_z pour $z=0$.

Nous introduisons des intégrales analogues aux potentiels. Ces intégrales satisfont à l'équation d'onde et s'annullent, ainsi que leurs dérivées du premier ordre, pour $z=0$. En utilisant ces potentiels nous réduisons notre problème à une équation intégrodifférentielle.

From the author's summary.

Source: Mathematical Reviews, Vol 8, No. 2

C-4

[redacted]

J. J. B.

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

PA 4T117

MICHLIN, S.

1945

USSR/Stresses

"The Fundamental Problem in the Theory of Rock Pressure in Mines," S. Michlin, 3 pp

"CR Acad Sci" Vol XLIX, No 9

Stresses in the intact rock, and the added stresses caused by excavations over a large distance in the horizontal direction

4T117

A 117

597 S. G. Michlin, "Fundamental solutions of the dynamic equations of the theory of elasticity for nonhomogeneous media" (in Russian). *Appl. Math. Mech. (Prikl. Mat. i Mekh.)*, July-Aug 1947, vol. 11, pp. 423-432.

The Volterra vectors of elastic displacements are extended to the case of nonhomogeneous media. These vectors, giving the fundamental solutions for the case of nonhomogeneous media, vanish on the surface of a cone of longitudinal as well as of transverse waves.

With the aid of these solutions there can be obtained a formula which extends the Stokes formula on this case. If the initial displacements and velocities in a disturbed domain of space are given, the generalized Stokes formula leads to an integro-differential equation for displacements. Z. Bazant, Czechoslovakia

MICHLIN, S. G.

About an integral equation from F. TRICOMI, by S. G. MICHLIN. Doklady Akad. Nauk SSSR, n. Ser. 59, 1053-1056 (1948).

AMR

Theoretical + Experimental methods

©2246. Michlin, S. G., Direct methods in mathematical physics [Pryamie metody v matematicheskoi fizike], Moscow-Leningrad, Gosud. Izdat. Tekh.-Teor. Lit., 1950, 428 pp.

The book explains the approximate solution of problems with differential and integral equations by reducing them to systems of algebraic equations.

The first of five principal parts is devoted to fundamental facts about Hilbert's spaces as far as necessary for understanding the following approximate methods. The second part deals with the energy and Ritz methods, and the third has for its subject Galerkin's way of solving problems of mathematical physics. The two last sections explain the method of least squares and of finite differences.

Book summarizes important facts which up to the present time have, for the most part, been scattered in various periodicals. It is based on rigorous mathematical grounds (abstract spaces, Lebesgue's integrals, theory of linear operators, etc.) and investigates in each special case the degree and manner of approximation reached by the method under consideration.

Theoretical results are applied to many problems occurring in various branches of mathematical physics and engineering. Theory of vibrations and waves, elasticity, potentials, etc. The book enriches technical literature and must be recommended to engineers and physicists. V. Vulička, Czechoslovakia

MICHLIN, S. G.

Variation methods for the solution of problems of mathematical physics, by S. G. MICHLIN. Uspechi mat. Nauk 5, No. 6 (40), 3-51 (1950).

MIKHLIN, S.G.

Some Theorems of the Theory of Operators and Their Applications in the Theory of the Elastic Shells (Schalen). DAN SSSR, n. Ser. 84, 909-912 (1952).

EXCERPTA MEDICA Sec 2 Vol 12/5 Physiology May 59

1614. EFFECT OF AMINOPTERIN ADMINISTRATION ON THE CONTENT OF SOME ENZYMES IN THE FAECES OF PUPPIES (Russian text) - Michin S. Ya. and Pavlova Z. M. Lab. for Nutrit. Physiol., Inst. of Nutrit., Acad. of Med. Scis of the USSR, Moscow - VOPR. MED. KHIMII 1958, 4 2 (109-113) Graphs 2 Tables 3

Ingestion of the folic acid antagonist aminopterin by puppies decreases the secretion of enterokinase and alkaline phosphatase by the intestinal mucosa and the amount of these enzymes excreted in the faeces. The phosphatase content of other organs is not changed.

Leicester - San Francisco, Calif.

MICHMANOVA, A.I.

Some properties of the mechanical fractions of light gray forest soils. Pochvovedenie no.6:58-69 Je '62. (MIRA 15:8)

1. Pochvennyy institut imeni V.V.Dokuchayeva.
(Forest soils)

MICHNA, A. CZECHOSLOVAKIA

MVDr

Kosice

Prague, Veterinarstvi, No 11, Nov 62, pp 331-334.

"Umbilical Infection as a Cause for Illness and Forced Slaughter in Calves"

[illegible]

[illegible], [illegible] [illegible]

[illegible], Dr

[illegible]

[illegible], [illegible], [illegible], [illegible], [illegible], [illegible].

"Experiences with [illegible], [illegible], [illegible], [illegible] and Veridiotran in the prevention of [illegible] in [illegible]"

Co-authors:

[illegible], [illegible] Veterinarian ([illegible] Vet. [illegible]), [illegible]

[illegible], A. " " " "

[illegible], R. " " " "

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001033820003-1"

MIZIN, E.

Precipitation and the flowoff made in Lublin Province
p. 1

ANNALES. SECTIO C: CHEMIA, GEOLOGIA, MINERALOGIA ET PETROGRAPHIA
Lublin, Poland
Vol. 7, no. 1/3, 1952

Monthly List of East European Accession (EEAL) LC, Vol. 9, no. 1, Jan. 1960

Uncl.

Michna, E.

Cloud formations over Przemysl. p. 201.

ANNALES. SECTIO B: GEOGRAPHIA, GEOLOGIA, MINERALOGIA ET PETROGRAPHIA. Lublin, Poland, Vol. 12, no. 1/6, 1957 (published 1959).

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959. Uncla.

MICHNA, Edward

Potential evaporation in the San Valley. Przegl geogr 34 no.3:565-572 '62.

MICHNA, Edward

Day and night evaporation in Przemysl. Przegl geofiz 9 no.3/4:243-248 '64.

1. Maria Sklodowska-Curie University, Lublin.

SOJKA, Jaroslav, inzh.; MICHNA, Josef

Modernization of material handling in intermediate storerooms.
Stroj vyr 10 no.6:303-305 '62.

1. Kralovopolska strojirna, zavody chemickych zarizeni, n.p., Brno.

SOJKA, Jaroslav, inz.; MICHNA, Josef

Modernization of intermediate storage. Podnik organizace 17 no.3:113-115 Mr '63.

1. Kralovopolska strojirna, zavody chemickych zarizeni, n.p., Brno.

KUBIKA, V.

It can be done everywhere.

p. 1 (Ceskoslovensky Vojak) Vol. [illegible], No. [illegible], Sept. [illegible]. Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, - Vol. [illegible], No. [illegible], Jan [illegible]

MICHNEVIC, E.

A conference of experts on electrolysis of alkali chlorides in Bratislava. Chem prum 12 no.9:503 S '62.

1. Ministerstvo chemickeho prumyslu.

FRIEDBERGER, V.; MICHNEVIC, I.; SCHLUPEK, A.

Sarcoma of the femur neck treated by resection and a darvicocapital prosthesis. Rozhl. chir. 42 no.7:505-507 Jl '63.

1. II chirurgicka klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. J. Lhotka, CSc. II patologicko-anatomicky ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta prof. dr. V. Jedlicka, DrSc.
(BONE NEOPLASMS) (FEMUR NECK)
(COBALT ISOTOPES) (RADIOISOTOPE TELETHERAPY)
(PROSTHESIS)

SKACH, M.; MICHNEVICOVA, A.; DOHNAL, M.; VICEK, V.

Local antibiotic therapy with tetracyclines in stomatology. Cas. lek. cesk. 98 no.6:179-182 6 Feb 59.

1. II. stomatologicka klinika KU v Praze, prednosta doc. dr. F. Urban. Vyskumny ustav antibiotik Roztoky, prednosta doc. dr. M. Herold. M. S., Praha 2, U nemocnice 1.

(MOUTH, dis.
ther., local tetracycline (Cz))
(TETRACYCLINE, ther. use
mouth dis., local admin. (Cz))

URNAME, Given Names

Country: Czechoslovakia

Academic Degrees: not given

Affiliation:

Source: Prague, Ceskoslovenska Stomatologie, Vol 61, No 5, Sept 1961; pp 377-382

Data: "The Incidence of Periodontopathies and some of their Exogenous Factors among the Young People of Prague"

TER-MANUELIANCOVA, Marie: Stomatology Department, Okres Institute of Public Health (Stomatologicke oddeleni OUNZ /Okresni Ustav Narodniho Zdravi/ Prague I) Head (Prednosta): Dr. J. MINC

MRKLAS, Lubor: Stomatology Research Institute (Vyzkumny Ustav stomatologicky) Director (Reditel): Docent Dr. KOSTIAN; Prague

MICHNEVICOVA, Anna: Second Stomatology Clinic (II stomatolgdcka klinika) Head Dr F. URBA: Prague

GPO 98.643

LOBANOWSKI, H.; MICHNIAK, R.

New data on the Lower Devonian pyroclastic series of the Klonow Ridge (Holy Cross Mts.) Bul geolog PAN 8 no.1:53-59 '60.

1. Geological Institute, Polish Academy of Sciences. Presented by K. Smulikowski.

(Rocks, Igneous)

MICHNIAK, Ryszard; ORLOWSKI, Stanislaw

Remarks on the stratigraphic table of Precambrian and Cambrian in the Gory Swietokrzyskie Mountains. Przegl geol 11 no.11:475-479 N '63.

Michniewicz, A.

POLAND/Chemical Technology - Chemical Products and Their Application - Leather. Fur. Gelatin. Tanning Agents. Technical Proteins. I-29

Abs Jour : Referat Zhur - Khimiya, No 9, 1957, 33132

Author : Michniewicz, A.

Inst :

Title : Fish Scales as an Industrial Raw Material

Orig Pub : Przem. spozywczy, 1955, 9, No 8, 326-328

Abstract : The chemical composition of the scales is given and considerations are presented concerning the appropriateness of producing therefrom guanine, glue and gelatin. Best results are obtained with clean and fresh raw material. Preservation does not yield satisfactory results.

Card 1/1

MICHNIEWICZ, H.

Before the conference of maritime economists.

P. 202 (Technika I Gospodarka Morska, Vol. 8, no. 8, Aug. 1958, Gdansk, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

KONARSKA, Irena; MICHNIEWICZ, Leokadia.

Short-wave therapy of diseases of the anterior portion of the eye. Klin.oczna 25 no.3:185-194 1955.

1. Z Kliniki Okulistycznej A M w Gdansku.Kierownik: prof. dr. med. I Abramowicz. Z Zakladu Terapii Fizykalnej A M w Gdansku. Kierownik: dr I. Konarska.

(DIATHERMY, in various diseases,
short-wave, in eye dis.)
(EYE, diseases,
ther.,short-wave)

MALEWSKI, Jan; RZADKOWOLSKA, Elzbieta; MICHNIEWICZ, Maria

On so-called corrective experience in psychotherapy. Neurologia etc., polska 12 no.2:281-285 '62.

1. Z Panstwowego Sanatorium dla Nerwowo Chorych w Warszawie Dyrektor: dr F. Szumigaj Ordynator: dr M. Dlugokecki.
(PSYCHOTHERAPY)

MICHNIEWICZ, M; RYAIL, J.

Purification of sewage in the communal water management. p. 445

GOSPODARKA WODNA, Vol. 15, No. 11 Nov. 1955

(Naczelna Organizacja Techniczna) Warszawa

SOURCE: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 1 Jan. 1956

GOLISZEWSKI, Jerzy, mgr., inz.; MICHNIEWICZ, Marian, mgr., inz.; RYLL, Jerzy, mgr., inz.

Sewage purification of the Capital City of Warsaw. Gosp wodna 21 no.10: 457-461 O '61.

MICHNIEWICZ, Marian, mgr inz.

Sewage purification for the right river bank region of the city of Warsaw. Gaz woda techn sanit 37 no.10:313-314 O '63.

1. Stolica Design Office of Communal Constructions, Warsaw.

15

C A

The processes of nitrification and denitrification in the soils of Białowieża Wilds. Marian Michalewicz. *Ann Univ. Marie Curie-Skłodowska Lublin-Polonia*, Sect. C, 6, No. 2, 19-75(1951).—In the Białowieża National Park are deciduous forests contg nitrifying soils, and evergreen forests and peat bogs, in which nitrifiers are almost absent. The no. of nitrifiers and intensity of nitrification in the soils of deciduous forests are max. in the humus layer of the soil in only 31% of the samples from the mineral layer of the pine forests, collected in summer, was there any nitrification. Intensity of nitrification decreases in the order: oak-alder, oak-birch, and "pseudo-oak" forests. The degree of nitrification is conditioned by the cont. of N, exchangeable cations, assimilable P, concn of alkalies, the reaction of the soil, its degree of aeration and its moisture content. Therefore the degree of nitrification is an indic. of the fertility of the soil. Leaf-litter samples in the most intensely nitrifying soils, the most fertile samples. Denitrification is most prominent in the most nitrifying soils. The degree of denitrification depends on the no. of org. compds., fertility, reaction of the soil, and moisture content. The periodicity of these phenomena depends on climatic factors, humidity being the most important.

L. J. Piotrowski

MICHNIEWICZ, Marian

Physiological principles of practical application of growth-promoting substances. Acta physiol Pol 5 no.1:119-120 '54. (RRAL 3:7)

1. Zaklad Fisjologii Roslin Uniwersytetu Mikolaja Kopernika w Toruniu. Kierownik: prof. dr M.Michniewicz.
(HERBICIDES, effects,
*2,4-D,)

MICHNIEWICZ, M.

Effects of various concentrations of phosphates on the water balance and drought resistance of tomato plants. M. Michniewicz (*Roczn. Nauk Rol.*, 1954, 69, A, 167—188).—Deficient or excessive supplies of phosphates to the plants adversely affected their water balance, causing increased transpiration, higher concn. in leaf-cell saps, and a check in growth. Applications of PO_4''' did not alter the suction force of roots to any appreciable extent. The effect on the water balance is explained by the physiological properties of the plant cells.

A. G. POLLARD.

MICHNIEWICZ, MARIAN

The effect of synthetic growth substances on grafting of herbaceous plants. I. Grafting of Solanaceous plants. Marian Michniewicz (Inst. Agr., Warsaw). *Acta Agrobotan.* ~~(Warsaw) 4, 87-120~~ (1950) (English and French summaries). —In this study 3-indoleacetic acid or its K salt, 3-indolebutyric acid, Me 3-indolebutyrate 1-naphthaleneacetic acid, and biotin were applied to solanaceous grafts. The exptl. plants were: Tomato variety Immun Padliszkowski, pepper variety *Capsicum*, *Solanum nigrum* and *S. citrullifolium*. The most successful method applied to the grafting scions is to soak them for 2 hrs. in aq. soln. of these substances. Other less effective methods tested are to cover the grafting union with lanolin paste, spraying the scions with properly dild. growth substance, painting with talc-hormone mixt. These compds. were 1st dissolved in 3 ml. EtOH (95%) and made up with H_2O to the desired concn. Microscopic and histological studies have shown that the contact layer between the 2 plants totally disappeared when a soln. of 0.001-0.005% K indoleacetic acid was applied. Scions from plants in blooming time responded best. The most effective compds. used were: 3-indoleacetic acid and 3-indolebutyric acid, biotin had little effect. Unfavourable conditions of light and temp. proved helpful in grafting when these compds. were applied but careful cultivation in this method is of primary importance. Samuel Brand

MICHNIEWICZ, Marian

Influence of auxin and gibberellin on the ascorbic acid content in wheat during the germination period and early stage of growth. Nauki matem przyrod Torun no.6:103-112 '60.

1. Zaklad Fizjologii Roslin, Uniwersytet im.M. Kopernika, Torun.

MICHNIEWICZ, M.; MICHALSKI, L.

Changes in the level of growth regulators in leaves and reproductive organs of the radish Raphanus sativus L. in its different stages of development. Acta a robotanica 9 no.2:99-111 '60.

1. Zaklad Fizjologii Roslin, Uniwersytet Mikolaja Koperrnika, Torun.

MICHNIEWICZ, Marian; CHRCMINSKI, Andrzej

Influence of auxins and gibberellic acid on the resistance to drought of wheat during the period of germination and initial growth. Rocz nauk roln rosl 81 no.2:383-399 '60. (EEAI 9:11)
(Auxins) (Gibberellic acid)
(Poland--Wheat)

MICHNIEWICZ, Marian

Biological acitivity of gibberellins $A_1 - A_9$. Wiadom botan 7 no.2:117-125 '63.

MICHNIEWICZ, Marian

Plant growth regulators with antigibberellin properties and prospects for their application. Postepy nauk roln. 10 no.5: 57-64 '63.

MICHNIEWICZ, Marian

"Cholesterol in higher plants" by D.F. Johnson, R.D. Bennett, E. Heftmann. Reviewed by Marian Michniewicz. Kosmos biol 12 no.6:520 '63.

MICHNI

MICHNIEWICZ, Marian

Critical evaluation of the present state of studies on the role of the hormone factor in the vernalization process. Postepy nauk roln 11 no.4:95-114 Jl-Ag '64.

MICHNIEWICZ Marian

State of studies on (2-chloroethyl)-trimethylammonium chloride (CCC) and related compounds with particular consideration on their effect and possibilities of using them in agriculture. Postepy nauk roln 11 no.6:25-38 N-D '64.

MICHNIEWICZ, Stanislaw; CZAPLICKI, Sylwester

Asymptomatic aortic aneurysm. Wiadomosci lek. 8 no.2:89-94 Feb 55.

1. Z Oddz. Ch. Wewn. Szpitala M. O. N. Kier. doc. dr med. M.Fejgin i z Prac. Rtg. Szpitala M. O. N. Kier. dr med. St.Michniewicz.
(AORTIC ANEURYSM,
asymptomatic, differ. diag.)

MICHNIEWICZ, STANISLAW

GRUCHALSKI, Wladyslaw, Warszawa, Walecznych 40; KOBUSZEWSKA, Maria; [redacted]

Chorio-epithelioma in male. Polski tygod. lek. 10 no.5:142-147 1 Feb 55.

1. Ze szpitala M.O.N. in z Zakladu anatomii patol. A.M. w Warszawie.
(CHORIOCARCINOMA
in male, pathol.)

MICHNIEWICZ, S.

Case of ossification of the superior transverse ligament of the scapula. Polski przegl. radiol. 22 no.4:201-202 July-Aug 58.

1. Z Pratowni rentgenowskie Centralnego Supitala MON w Wraszawie Kieronik: dr med. A. Kaczurba.

(SCAPULA, dis.
ossification of superior transverse ligament, x-ray diag. & case report (Pol)

(OSSIFICATION, diag.
x-ray diag. of ossification of superior transverse ligament of scapula (Pol))

MICHNIEWICZ, W.

691.11.003

4656

Michniewicz W. Saving Timber in the Building Industry.

„Oszczędność drewna w budownictwie". Inżynieria i Budownictwo No. 1, 1955, pp. 2—7, No. 2, 1955, pp. 48—52, 27 figs., 7 tabs.

Economic ways of using timber in the building industry. General remarks deal with the stipulated reduction in timber requirements for such purposes as woodwork, floors, forms, walls, ceilings, etc. The author advocates the introduction of such technical improvements as making timber units, not on the building site but whenever possible, in central carpentry shops, and the wide use in woodwork of toothed locking rings for joints in timber structures of a large span etc. The following problems are dealt with in greater detail: — modern wooden roof structures, prefabricated glued construction units, and wood forms.

Matls

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R001033820003-1"

MICHNIEWICZ, W., prof. inz.

"Building technology and organization" by A.Dyzewski. Reviewed by W.Michniewicz. Inz i bud 20 no.5:3-4 of cover My '63.

MICHNIEWICZ, W., prof.

"Protection of constructions from corrosion" by H.Badowska, W.Danilecki, M.Maczynski. Reviewed by W.Michniewicz. Inz i oud 20 no.2:83-84 F '63.

MICHNIEWICZ Z

MICHNIEWICZ, Z.

From the history of Polish mountaineering in the Riesengebirge in the beginning of the 19th century.

p. 42 (Wierchy) Vol. 25, 1956, Krakow, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

ACC NR: AP6035656 (A,N) SOURCE CODE: PO/0069/66/000/010/0896/0902

AUTHOR: Ulewicz, Kazimierz (Commander; Docent; Doctor of medicine); Michniewski, Przemyslaw (Captain; Physician)

ORG: Department of Naval Medicine, WAM, Gdynia (Katedra Medycyny Morskiej WAM)

TITLE: Investigation of the microclimate effect on carriers of group A streptococci among submarine crews

SOURCE: Lekarz wojskowy, no. 10, 1966, 896-902

TOPIC TAGS: naval medicine, submarine, ~~submarine microclimate, submarine crew,~~ streptococcus, influenza, pharyngitis, bronchitis, disease incidence, microclimatology, respiratory system disease

ABSTRACT: Crews of two medium submarines, quartered ashore but aboard in the daytime and during cruises, were tested together with a land-based control group of about 100 for group A streptococcus infections during one year. Throat smears were taken twice every three months and inoculated on warmed media (dishes containing 5 percent preserved blood, with a medium consisting of sodium

Card 1/3

ACC NR: AP6035656

azide and No. 01-364 blood according to the "BBL-Baltimore-10" [company's prescription]. Isolated beta-hemolytic streptococci were identified by the Maxted method, using bacitracin disks (following instructions of the Hygiene Institute, Zurich). Bacteriological air tests were performed by the sedimentation method. Weather observations made at the same time included the measurement of air temperature, relative humidity, and pressure including water-vapor pressure and enthalpy (by the i-x Molier diagram). Analyses of disease caused by streptococci and respiratory-tract infections supplemented the tests. Tabulated statistics showed higher percentages of streptococcus carriers among submarine crews than in the control group, resulting from more frequent cases of tonsillitis among crew members and increased the partial pressure of carbon dioxide during cruises. Seasonal changes had no effect. The lowest carrier percentage occurred in the winter quarter, assumed to be independent of microclimate or weather. Generally higher bacterial air contamination was observed on land, regardless of weather; only in one instance were streptococci isolated from the air in one of the vessels. A higher percentage of angina and influenza cases among the crews was also observed, but pharyngitis and catarrhal bronchitis were more frequent in the control group. A connection between morbidity rates and bacterial air contamina-

Card 2/3

ACC NR: AP6035656

tion of ship and shore quarters was not established. The investigation confirmed the fact that chances of group A streptococcus infections are greater for submarine crews than for land-based personnel. Orig. art. has: 3 tables. [WA-67-2] [DR]

SUB CODE: 06, 05/SUBM DATE: 03Feb66/ORIG REF: 009/OTH REF: 011/

Card 3/3

TITLE AND SUBTITLE (COVER)

PROCESSES AND PROPERTIES INDEX

MICHNIEWSKI, J.

Distribution of phosphorus compounds in soils, with reference to soil-surface formation. P. Tomkiewicz and J. Michniewski. *Roczn. nauk. Roln. i Leśnych* 16, (1927). *Proc. Intern. Soc. Soil Sci.* 4, 67(1928).—The changes occurring in the form of combination of soil P and its ultimate mineralization by the plant depend largely on the nature and general direction of soil soln. movements, and these in turn are controlled by the much, and chem. compn. of the soil. By the comm. of the distribution of P in different soil horizons certain relationships are established.

B C A

CONTROL ELEMENTS

MATERIALS INDEX

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

MICHNIEWSKI, STANISHAW

Chem L

Utilization of brewers' yeast. Stanisław Michniewski. *Polska Akad. Nauk, Zeszyty Problem. Nauki Rolniczej* 2, 49-60(1955).—Brewers' yeast is not utilized in Poland to any great degree, although it is recognized to have potential in the food and the pharmaceutical industry. The present com. process of debittering consists of repeated washing with water and aeration. The effect is similar to that obtained with chem. debittering. Alina S. Szczesiak

MICHNIK, D., sanitarnyy vrach (g.Krasnoyarsk)

Taking into consideration the sanitary and hygienic requirements. Obshchestv.pit. no.10:52 O '60. (MIRA 13:11)
(Restaurants, lunchrooms, etc.-Sanitation)

MICHNIK, L.N.

Simple thermal analysis of a pressurized water-type reactor. Insh.-fiz.shur. no.12:105-109 D '59. (MIRA 13:4)

1. Institut kompleksnykh transportnykh problem AN SSSR, Moskva.
(Boiling water reactors)

SOV/177-58-11-34/50

17(2,13)

AUTHORS: Fetisov, A.V., Lieutenant-Colonel of the Medical Corps, and Michnik, M.Ya.

TITLE: The Affection of the Nervous System in Influenza

PERIODICAL: Voyenno-meditsinskiy zhurnal, 1958, Nr 11, p 84 (USSR)

ABSTRACT: In summer 1957, the authors observed 3 patients suffering from the toxic form of influenza with pronounced phenomena of an affection of the central nervous system. Based on the results obtained, the authors conclude that the pronounced symptoms of the affection of the nervous system resulted from reactive changes of the cerebrum due to influenza intoxication. A long lasting adynamia, general asthenia and vegetative dystonia were the result of steady functional disturbances of vegetative formations of the cerebrum, as well as of the reduction of the biological tonus of the cells of the cortical and subcortical centers.

Card 1/1

MICHNIK, S. [Michnyk, S.], inzh.

Wall panels and tent-type roofing slabs. Bud.mat.i konstr. 2 no.1:10-15 F '60. (MIRA 13:6)
(Concrete slabs)

MICHNIK, S.D., insh.

Using soil cement jackets in laying underground communication lines. Prom stroi. 37 no.5:48-50 My '59. (MIRA 12:7)
(Soil cement) (Electric lines--Underground)

MICHNIK, S.D. (Kiyev)

Economic indices of trenchless laying of underground pipelines. Vod. i san. tekh. no.10:32-34 O '60. (MIRA 13:11)
(Pipelines)

MICHNIK, S.P., inzhener.

Trenchless laying of pipes by the hydraulic push-through method. (MIRA 9:9)
Strei.prom.34 no.7:35-36 Jl '56.

1.Kiyevpromenergomontazh.
(Pipelines)

MICHNIOWSKA, JANINA

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Pharmaceuticals, Cosmetics, and Perfumes

(3)

Determination of salicylic acid in the presence of H
NH_4Cl in pharmaceutical preparations. Witold Miczul
and Janina Michniowska (Zakład Chem. Farm. Akad. Me
Lublin). Farm. Polska 9, 169-61(1953).—A sample
0.5-1 g. was heated in 30 ml. H_2O and titrated with 0.
NaOH in the presence of phenolphthalein. Upon cool
and the addn. of 10 ml. 20% KI soln., the sample
shaken and titrated with 0.1*N* HCl with methyl red as
indicator. Each ml. *N* NaOH is equiv. to 0.1381
salicylic acid, and 1 ml. 0.1302*N* HCl is equiv. to 0.126
$HgNH_2Cl$. The standard error is about 0.3%.
L. I. Piotrows

MICHNIOWSKA-LEONOWICZ, J.; RYBA, J.

A case of Heerfordt's syndrome. Klin. oczna 28 no.3:299-306 1958.

1. Z Oddziału Ocznego Ordynator: dr med. W. J. Orolowski i z Pododdziału Szczekowego Wojskowego Szpitala Okręgowego Kierownik: dr J. Ryba. Adres autora: Warszawa 22 ul. Zimorowicza 4 m 7.

(SARCOIDOSIS, case reports
(Pol))

ORLOWSKI, Witold J.; MICHNIOWSKA-LEONOWICZ, Janina

Posner-Schlossman syndrome. Klin.oczna 29 no.3:239-246 '59.

1. Z oddzialu chorob oczu 1 W.S.O. Ordynator: dr med. W.J. Orlowski. (GLAUCOMA)

MICHNIOWSKA-LEONOWICZ, Janina; KRYCH, Jozef

Stilling-Turk-Duane's syndrome. Klin.oczna 30 no.1:59.73 '60.

1. Z Oddzialu Chorob Oczu 1 W.S.O. Kierownik: dr med. W.J. Orlowski.

(OCULOMOTOR PARALYSIS)

ORLOWSKI, Witold J.; MICHNIOWSKA-LEONOWICZ, Janina; CZECHOWSKA, Zofia

Further experimental studies on methods for the treatment of burns of the eye. Klin.oczna 30 no.1:79-94 '60.

1. Z oddziału chorob oczu 1 WSO Ordynator: dr med. W.J. Orlowski i z pracowni anatomii patologicznej Instytutu Hematologii w Warszawie. Kierownik: dr med. Z. Czechowska.
(EYE wds.& inj.)
(BURNS exp.)

MICHNIOWSKA-LEONOWICZ, Janina

On the problem of ophthalmological interventions on patients over 80 years of age. Klin. oczna 32 no.1:1-11 '62.

1. Z Oddzialu Chorob Oczu Ordynator: doc. dr med. W.J.Orlowski. (EYE surg)

MICHNO, Danuta; TOEPLITZ, Barbara

Remarks on colorization of designs printed on garment fabrics. Przegl wlokien 16 no.12: Suppl: Biul C B Wzorn Przem Lekkiego 3 no.11/12:1-4 '62.

CZE[illegible]

[illegible], A.; [illegible]; [illegible], [illegible], [illegible] Kosice, [illegible] a, [illegible], Kosice.

"Polarographic determination of [illegible] and a contribution to the characteristics of Aminopeptidases."

Praha, [illegible], Vol. 11, No [illegible], [illegible], [illegible]

Abstract [Authors' [illegible]: [illegible] described. [illegible] may be used in [illegible] is [illegible] in- [illegible] socin- [illegible] used [illegible] use [illegible] in [illegible] derivatives of beta-naphthylamine [illegible] method may be used to [illegible] tetrachlorides. 7 figures, liver [illegible] Western, [illegible] Czech, [illegible] East German reference. (Manuscript received 11 May 65).

1/1

MICHOTEK, Stanislaw (Warsaw)

Influence of the design and construction of apartment houses on the consumption of fuels. Przegl budowl i bud mieszk 37 no.2. 83-87 F '65.

SOBIESZCZANSKI, Stefan, Mgr. inz.; MICHNOWICZ, Juliusz, Mgr. inz.

Some costs per unit in the economic calculation of passive power. Pt. 1. (To be contd.). Energetyka Pol 15 no.6, Biuletyn:22-24 Je '61. (EEAI 10:9)

1. Zaklad Sieci Elektrycznych, Katowice.

(Electric power)

SOBIESZCZANSKI, Stefan, mgr. inz.; MICHNOWICZ, Juliusz, mgr. inz.

Some costs per units in the edonomic calculation of passive power. Pt. 2. Biuletyn. Energetyka Pol 15 no.8:25-26 Ag '61.

1. Zaklad Sieci Elektrycznych, Katowice.

(Electric power)

SOBIESZCZANSKI, Stefan, mgr.inz.; MICHNOWICZ, Juliusz, mgr.inz.

Changeability of some indicators of distribution networks. Pt. 1. (To be contd.). Energetyka Pol 16 no.8:Suppl.: Biul Inst Energ 4 no.7/8:29-32 Ag '62.

1. Zaklad Sieci Elektrycznych, Instytut Energetyki, Warszawa.

SOBIESZCZANSKI, Stefan, mgr inz.; MICHNOWICZ, Juliusz, mgr ing.

Variability of certain indices of distribution networks. Pt. 2. Energetyka Pol 16 no.10: Suppl: Biul energetyki 4 no.9/10:35-37 O '62.

1. Zaklad Sieci Elektrycznych, Instytut Energetyki, Warszawa.

SOBIESZCZANSKI, S., mgr inz.; MICHNOWICZ, J., mgr inz.;
SKONIECZNY, J., mgr inz.

A certain aspect of selecting voltage 15 or 20 kv.
Energetyka Pol 18 no. 2: Supplement: Biul inst
energet 6 no. 1/2 8 F '64.

MICHNOWSKI, L.: PIETKIEWICZ, M.

A method of determining the power requirements of machine-tool drives under zero load conditions by calculating the angular distance and the self-braking time. p. 574.,

MECHANIK. (STowarzyszenie Inzynierow i Technikow Mechanikow Polskich) Warszawa, Poland, Vol. 32, no. 9, Sept. 1959.

Monthly list of East European Accession (EEAI) LC., Vol. 9, No. 1, Jan. 1960

Uncl.

Poland

SMOSARSKI, Wl.; MICHNOWSKI, St.

Acta Geophysica Polonica (Warschau) III

SO: Zt. F. Meteorologie, December 1955, Unclassified.

MICHNOWSKI, STANISLAW

3

551.594.222:537.5

S/5-338

Michnowski, Stanisław (*Zakład Geofizyki Polskiej Akademii Nauk*), **Wpływ wyładowań z ostrzy na wartość natężenia pola elektrycznego przy powierzchni ziemi.** [Influence of point discharge currents on the earth's electric field.] *Acta Geophysica Polonica*, Warsaw, 3(3):115-130, 1955. 5 figs. (incl. photo), 20 refs., 7 eqs. English summary p. 129. DLC—Point

Cov

discharge current, flowing through the point set up at a height 19.2 m above the ground, and electric field near the ground have been measured during the thunderstorms in Geophysical Observatory in Swider. The measurements showed that the changes of electric field were in an advance of the corresponding changes of point discharge current, and that during some long periods, lasting sometimes 10 minutes, the current flowed in opposite direction to the direction of electric field measured simultaneously. This was in accordance with the observations published by C. W. Lutz (1940) and W. C. A. Hutchinson (1951), who attributed the above phenomena to space charge located in the layers of air near the ground. In the present article this interpretation has been extended. Space charges can change the field not only near the ground, but also near the installed point. At fast changes the space charges, placed near the point, influence the changes of the point discharge current while their effect upon the field near the ground may be omitted. To these local charges could be referred the phenomena of the advancement of field changes ahead of the corresponding point current changes. In quasi-stationary states however the observed phenomena of the opposite directions of the measured field and current are brought about by the effect of space charge located in the layers of air near the ground. Certain suggestions concerning the problems of lightning protection have been made. Influence of space charge on the electric field near the installed point (lightning rod), and near the ground contribute to the formation of upward streamers when the leader of lightning approaches the earth. At last a critical review of the measurements and some requirements about further investigations are given. *Subject Headings:* 1. Earth's electric field 2. Point discharges 3. Lightning protection. —*Author's abstract.*

12

[illegible], S.

Point discharges in the interchange of electric charge between the earth and the atmosphere. In English.

[illegible] Poland, [illegible], No. 2, 1957

[illegible]

SO: Monthly Index of East European Accessions (EEI) [illegible], [illegible], [illegible] 1957.

[redacted]

Polish IGY Operations in Vietnam

Acta Geophysica Polonica, Vol. 6, No. 3, 1958 contains 5 articles describing Vietnamese-Polish IGY scientific investigations in Vietnam:

"The Vietnamese-Polish Magnetic Station in Cha-Pa" by Mieczyslaw KOZLOWSKI, Inst. Geophysics, PAN: the station began operating on 1 Sep 57; it is located in the Annamite Cordillera at the foot of the mountain of Phan-S-Pan and consists of three bamboo huts. The station was set in operation by M. KOZLOWSKI, the author and Cz. KNELIWANSKI. It is now under the guidance of the Vietnamese...

"The Vietnamese-Polish Seismic Station at Phu-Lien" by Josef WITTEN-UK, Inst. Geophysics, PAN: the former French observatory, destroyed by a fire, was rebuilt by the joint effort of the POLISH IGY expedition headed by Prof. WITTEN-Klen. The B. TRISKEYNE and the Vietnamese IGY Committee under Prof. seismic station was placed in operation by the author; in charge of the station at present is S. GIERMICZ, Inst. Geophysics, PAN. A monthly bulletin is published by the station...

"The Vietnamese-Polish Aerological Station at Cha-Pa" by Kazimierz STEFANICKI, State Inst. Hydrology and Meteorology:

"Measurements of the Elements of Atmospheric Electricity Carried Out at Cha-Pa" by Stanislaw MICHNOWICKI, Inst. Geophysics, PAN, and Kazimierz STEFANICKI, Inst. Hydrology and Meteorology: the station conducts measurements of the potential gradient near the Earth's surface...

MICHNOWICKI

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MICHNOWSKI, Stanislaw

Observations of lightning in warm clouds. Acta geophys Pol 11 no.3:213-217 '63.

1. Zaklad Geofizyki, Polska Akademia Nauk, Warszawa.

ACC NR: AT6036806 SOURCE CODE: PO/2546/65/000/007/0003/0019

AUTHOR: Michnowski, St.; Nguyen Manh Duc; Stefanicki, K.

ORG: [Michnowski, Stefanicki] Committee of International Geophysical Cooperation, Polish Academy of Sciences, Warsaw; [Nguyen Manh Duc] Vietnam Meteorological Service, Hanoi

TITLE: Activities of the atmospheric electricity station in Cha-Pa, 1958-1959. Part I

SOURCE: Polska Akademia Nauk. Zaklad Geofizyki. Materialy i prace, no. 7, 1965. Cha-Pa Observatory atmospheric electricity and radioactivity data, 1958-1959, 3-19

TOPIC TAGS: atmospheric electricity, atmospheric radioactivity, radioactive fallout, International Geophysical Year, geophysics, meteorology, geophysic observatory, meteorologic station, aerologic station, geomagnetic station, atmospheric electricity station, atmospheric electric field, atmospheric electric field gradient, radioactive air pollution, radioactive precipitation

ABSTRACT: One of the aims of Polish-Vietnamese Cooperation in Geophysics

Card 1/3

ACC NR: AT6036806

under the International Geophysical Year was to establish a geophysic observatory in Cha-Pa (22° 20'N - 103° 50'E; 1,570 m above sea level). Originally, the observatory consisted of meteorologic, aerologic, and geomagnetic stations. IGY readings there led to the installation of the station for the observation of atmospheric electricity, the first such station in Southeast Asia, and one of the few in tropical countries. The present paper is the first of the observatory's publications on the measurements and observation of atmospheric electricity obtained during the initial period of operations. It covers measurement of the potential electric field gradient at the Earth's surface, and of radioactive pollution of the air and precipitation. Potential gradient data were worked out by St. Michnowski, Nguyen Manh Duc, and K. Stefanicki, while atmospheric radioactivity data for 1958-1959 were prepared by St. Michnowski and Nguyen Manh Duc. Among the Vietnamese members manning the Cha-Pa atmospheric electricity station in 1957-1959 were Nguyen Duong, Nguyen Tac Nhan, Nguyen Manh Duc, and Dao The Ngu, while one of the three Poles, K. Stefanicki, J. Bulik, or St. Michnowski, collaborated with them in rotation for six-month periods. Air pollution sampling and description (beta activity fallout, beta activity precipitation, and beta activity of the air) was based on practical experience of the Legionowo Station (Polish State Institute of Hydrology and Meteorology) and the Cracow Station Department

Card 2/3

ACC NR: AT6036806

of Physics, Academy of Mines). At the present time the Cha-Pa station is operated by the Vietnam Meteorological Service and the Vietnam Committee on International Geophysical Cooperation. The Committee of International Geophysical Cooperation, Polish Academy of Sciences, continues collaboration through scientific assistance. Orig. art. has: 2 figures (Cha-Pa location). [DR]

SUB CODE: 04, 08, 18, 20/SUBM DATE: none/ORIG REF: 007/SOV REF: 003/ OTH REF: 012/

Card 3/3

MIKE, Ya. [Mike, J.]; ~~MIKHOCZI, L.~~ [Michoci, L.]; KOZMA, A. [Kozma, A.]

Use of hibernation and of tonic substances in a patient with damaged reactive capacity of the organism. Khirurgiia 36 no.11:137-138 N '60. (MIRA 13:12)

1. Iz ftiziatricheskoy kliniki (dir. - prof. F. Kovach) Budapeshtskogo meditsinskogo instituta i otdeleniya grudnoy khirurgii (zav. K. Yosh) bol'nitsy imeni Yanosha.
(SURGERY, OPERATIVE) (ARTIFICIAL HIBERNATION)

~~MIKHOK, D'erd~~' [Michok, György]; BARNA, Laslo [Barna, Laszlo]; SABO, Yudit [Szabo, Judit]

Perforation of the bronchi in childhood. Vest.otorin. no.4: 83-87 '62. (MIRA 16:3)

1. Iz pediatricheskoy, khirurgicheskoy i otolaringologicheskoy klinik Budapeshtkogo meditsinskogo universiteta, Vengriya.
(BRONCHI—WOUNDS AND INJURIES)
(BRONCHOSCOPY)

MICHON, Ferdynand, mgr. (Krakow, Kraszewskiego 14 m. 1)

The problem of cooperation between technical and administrative employees in enterprises. Tehnika Jug 16 no.10:1881-1884 O '61.

MICHON, Stanislaw

Influence of toluene on the health of women employed in industry. Med. pracy 16 no.3:230-234 '65.

1. Z Przychodni Przyzakladowej przy Slaskich Zakladach Przemyslu Skorzanego "Otmet" w Krapkowicach (Kierownik Ambulatorium: lek. med. W. Jasinski).

MICHON, Stanislaw

...es in pregnant women working in the "Otmet" Silesian Leather Manufacturing Plant in Krapkowice. Pol. tyg. lek. 20 no.30:1122-1123 26 Jl '65.

1. Z Zakladu Leczniczo-Zapobiegawczego Slaskich Zakladow Przemyslu Skorzan go "Otmet" w Krapkowicach (Kierownik: lek. med. W. Jasinski).